COILTRONICS®

First Quarter 2012 IC Reference Design Wins

Here are the IC House design wins for the first quarter of 2012.

The Cooper Bussmann Coiltronics inductors are listed in bold.

There are also Cooper Bussmann fuse wins (highlighted in yellow) under Fairchild, Linear Technologies, Supertex and and Texas Instruments.

On a special note, Linear Technologies also has a win for the new MPI4040 miniature power inductor.

When you come across any of these reference designs, please note the Coiltronics inductors and Cooper Bussmann fuses they need.

FAIRCHILD SEMICONDUCTOR®

SS-5-1A
Reference Design: FL7732
Description: Single-stage PFC primary-side-regulation offline LED driver.

SS-5-1A
Reference Design: FL7730
Description: Dimmable single-stage PFC PSR offline LED driver.

intersil®

DR73-1R0-R
Reference Design: ISL8023_24EVAL3Z
Description: 3A/4A Low quiescent current high efficiency synchronous buck regulator.

DR127-3R3-R
Reference Design: ISL8130EVAL1Z_Boost
Description: Advanced single universal pulse-width modulation (PWM) controller.

IOR International Rectifier

HCPT1309-3R3-R
Reference Design: IRAUDPS1
Description: 12V System scalable 250W to 1000W audio power supply for Class D audio power amplifiers.

LINEAR TECHNOLOGY

MPI4040R3-4R7-R, SD3812-1R0-R
Reference Design: Demo Board # DC1727A
Description: Dual monolithic buck regulator with power-on reset and watchdog timer.

DRQ127-100-R
Reference Design: LT3957A
Description: Boost, flyback, SEPIC and inverting converter with 5A, 40V switch.

1025FA1-R
Reference Design: Demo Board # DC1775A
Description: TRIAC Dimmable offline Isolated LED driver with PFC.

HC9-470-R
Reference Design: Demo Circuit Schematic # 1319B
Description: High voltage LED controller.

SD20-1R2-R, SD25-R47-R, SD12-1R5-R
Reference Design: Demo Board # 1086/7A
Description: Dual synchronous, 3A / 1A or 2A / 2A configurable step-down DC-DC regulator.

DRA74-R33-R, DRA74-1R0-R, DRA74-1R5-R, DRA74-2R2-R, DRA74-3R3-R, DRA74-4R7-R, DRA74-6R8-R, DRA74-8R2-R, DRA74-100-R, DRA74-150-R, DRA74-220-R, DRA74-330-R, DRA74-470-R, DRA74-680-R, DRA74-820-R, DRA74-101-R, DRA74-151-R, DRA74-221-R, DRA74-331-R, DRA74-471-R, DRA74-681-R, DRA74-821-R, DRA74-102-R, DR1040-1R5-R, DR1040-2R5-R, DR1040-3R8-R, DR1040-5R2-R, DR1040-7R0-R, DR1040-8R2-R, DR1040-100-R, DR1040-150-R, DR1040-220-R, DR1040-330-R, DR1040-470-R, DR1040-680-R, DR1040-820-R, DR1040-101-R, DR1040-151-R, DR1040-221-R, DR1040-331-R
Reference Design: LT3988
Description: Dual 60V monolithic 1A step-down switching regulator.

HC9-100-R
Reference Design: LT3791
Description: 60V 4-Switch synchronous buck-boost LED driver controller.

SD25-330-R
Reference Design: LTC3630
Description: High efficiency, 65V 500mA synchronous step-down converter.

DR127-220-R, HC9-220-R, DRQ127-330-R
Reference Design: LT3796
Description: 100V Constant-current and constant-voltage controller with dual current sense.

DRQ127-100-R
Reference Design: LT3957A
Description: Boost, flyback, SEPIC and inverting converter with 5A, 40V switch.

SS-5F-3.15A
Reference Design: Demo Board #1817B
Description: Isolated constant-current / constant-voltage flyback controller with PFC.

HCM0703-4R7-R
Reference Design: Demo Board #1973A
Description: High efficiency step-down regulator with cable drop compensation.

SD6020-4R1-R
Reference Design: MAX17094 Evaluation Kit
Description: Internal-switch boost regulator with integrated 7-channel driver, VCOM calibrator, Op amp, and LDO.

FP1308R3-R21-R
Reference Design: MAX17528
Description: 1-Phase quick-PWM Intel IMVP-6.5/GMCH controllers.

DR74-4R7-R, DR74-6R8-R, DR74-8R2-R, DR74-100-R, DR74-150-R, DR125-6R8-R
Reference Design: SC441C
Description: High efficiency integrated driver for 4-strings of 150mA LEDs.

DR74-2R2-R, DR74-3R3-R, DR74-4R7-R
Reference Design: SC5014
Description: High efficiency white LED driver.

HCM0703-2R2-R, HCM0703-3R3-R, HCM0703-4R7-R
Reference Design: SC5014A
Description: High efficiency white LED driver.

NOTE: Skyworks acquired Advanced Analogic Technologies, Inc. (AATI)

SD3812-1R0-R, SDH3812-1R0-R, SD10-1R0-R
Reference Design: AAT1278
Description: High-efficiency, 1.5A high-current boost converter for LED photo flash applications.

SD3812-1R0-R, SDH3812-1R0-R, SD10-1R0-R
Reference Design: AAT1277
Description: 1.5A Step-up current regulator for flash LEDs.

SD3812-1R0-R, SDH3812-1R0-R, SD10-1R0-R
Reference Design: AAT1290
Description: High-efficiency, high-current boost converter capable of 1.5A typical output current.

DR1040-100-R, DR1050-100-R
Reference Design: AAT2402M/2402S
Description: 16-Channel white LED driver solution with full LED current and timing control.

SD3118-4R7-R, SD18-4R7-R
Reference Design: AAT2510
Description: Dual 400mA, 1MHz step-down DC-DC converter.

DR73-1R0-R, DR73-1R5-R, DR73-2R2-R, DR74-1R5-R, DR74-2R2-R, DR74-3R3-R
Reference Design: ST1S31
Description: 3A DC Step-down switching regulator.

DR73-2R2-R
Reference Design: STEVAL- ISA069V1
Description: 3A/1.5MHz Step-down synchronous switching regulator.

UP1B-220-R, UP1B-330-R
Reference Design: L5973D
Description: Step-down monolithic power switching regulator.

DR73-4R7-R
Reference Design: ST1S09
Description: 2A, 1.5MHz PWM Step-down switching regulator with synchronous rectification.

Supertex inc.

PCB-2-R
Reference Design: HV9910B
Description: Isolated LED driver.

DR127-820-R
Reference Design: HV9930/AT9933
Description: Controlled boost-buck converter.

Texas Instruments

MCRW1A
Reference Design: TPS92001EVM-628
Description: Dimmable LED lighting driver controller.

DR73-151-R, DR127-220-R
Reference Design: PMP3044_DM648
Description: Triple-sync buck controller with LDO.

DR74-1R5-R, DR74-221-R, DR74-102-R
Reference Design: PMP1533A
Description: Economy primary-side controller.

DR127-330-R
Reference Design: TPS40200EVM-002
Description: Low-cost sync buck controller.

CMS3-6-R, CMS1-14-R
Reference Design: PMP6659 REV B BOM
Description: IEEE 802.3at PoE Interface / isolated converter controller.

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